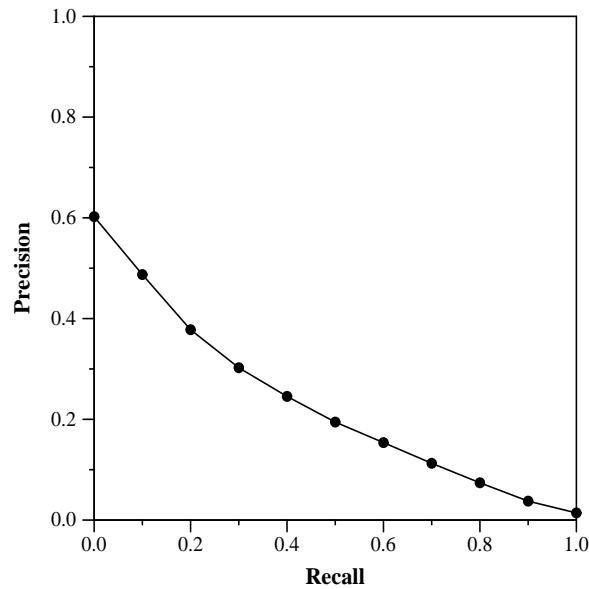


Conversational Assistance Track results — (HPCLab-CNR) ISTI-CNR

Run Description	
Run ID	HPCLab-CNR-run1
Submission Category	Raw utterance and canonical responses
Query Method Features	method uses a standard NLP toolkit; method performs query expansion
Query Data Features	method uses other external data
Passage Ranking Method Features	method uses a pre-trained neural language model
Passage Ranking Data Features	method is trained with TREC Deep Learning Track and/or MS MARCO dataset
Conversational Context Features	method uses previous raw utterances (queries) in the topic; method uses previous automatic canonical result for the topic

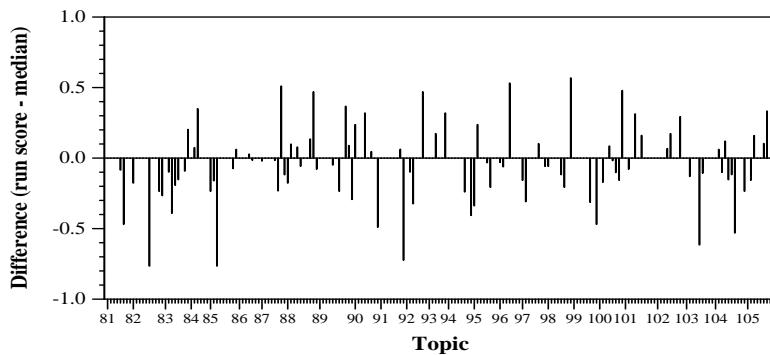
Overall measures	
Number of topics	208
Total number retrieved	208000
Total relevant	6670
Total relevant retrieved	3970
Mean NDCG @ 3	0.3133
Mean NDCG @ 5	0.3043
Mean NDCG @ 1000	0.4032
MAP	0.2205

Document Level Averages	
	Precision
At 5 docs	0.3962
At 10 docs	0.3615
At 15 docs	0.3279
At 20 docs	0.2993
At 30 docs	0.2519

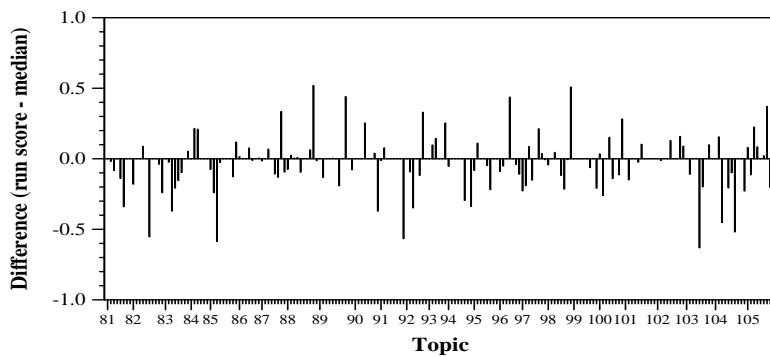


Conversational Assistance Track results — (HPCLab-CNR) ISTI-CNR

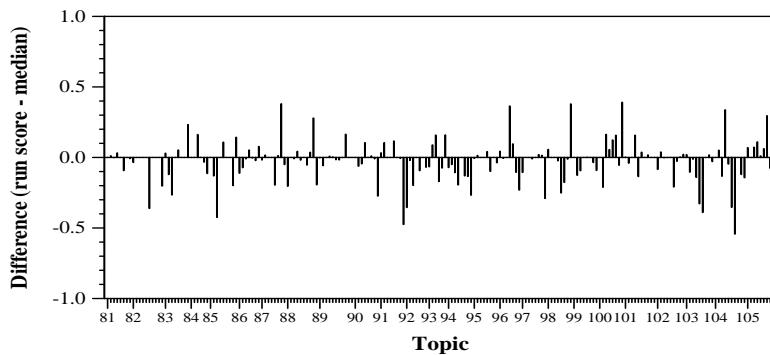
Per-topic difference from median NDCG@3 of Canonical runs



Per-topic difference from median NDCG@5 of Canonical runs



Per-topic difference from median NDCG@1000 of Canonical runs



Per-topic difference from median Average Precision of Canonical runs

